Installation Guide

CB-TP5i Rough-In Box for NXD-500i 5" Touch Panel

Overview

The CB-TP5i Rough-In Box (**FG038-11**) is an optional accessory for the NXD-500i Modero® Wall/Flush Mount Touch Panel. The Rough-In Box allows the panel to be mounted directly to the studs/pre-wall. The NXD-500i is contained within a plastic outer housing or *back box*, and the back box attaches to the Rough-In Box.

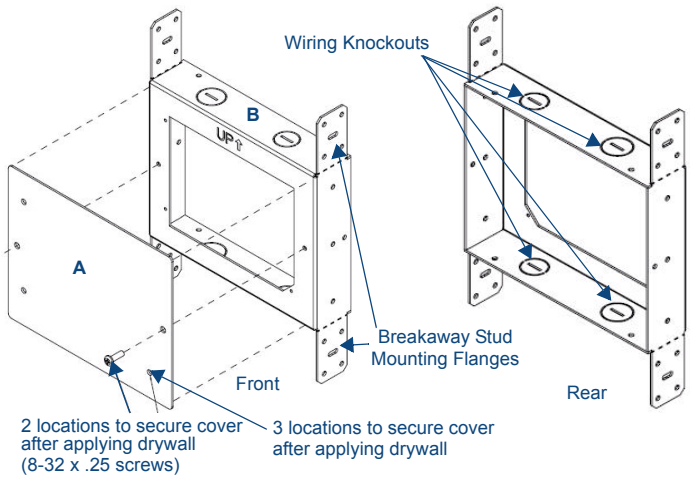


FIG. 1 CPB-TP5i Rough-In Box - Front and Back Views

Specifications

CB-TP5i (FG038-11) Specifications	
Dimensions (HWD)	• 6.73" x 9.30" x 1.43" • 17.09 cm x 23.62 cm x 3.63 cm
Certifications	• UL 508A

WARNING: *In order to guarantee a stable installation of the NXD-500i, the distance between the CB-TP5i and the outer wall surface must be a minimum of .50 inches (1.27cm) and a maximum of .875 inches (2.22cm).*

- Refer to the SP62-0038-01 diagram for detailed installation dimensions.

Pre-Wall Installation of the CB-TP5i Rough-In Box

1. Remove the rough-in box cover (**A** in FIG. 1) before installation of the Rough-In Box (**B**). ***Note:*** *the cover MUST be removed before drywall installation. The cover may be reinstalled after drywall installation using 4-40 screws (not included).*
2. Attach the optional Back Cover for the CB-TP5i (**FG038-12**) if necessary, as required by building codes. (For more information, refer to the *Back Cover Installation* section on page 2.)
3. Fasten the CB-TP5i rough-in box to the stud through the holes on the Stud Mounting tabs (FIG. 2), using either nails or screws (not provided).

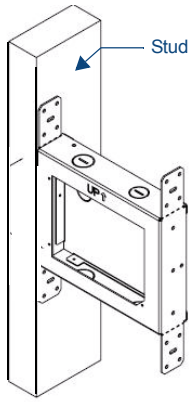
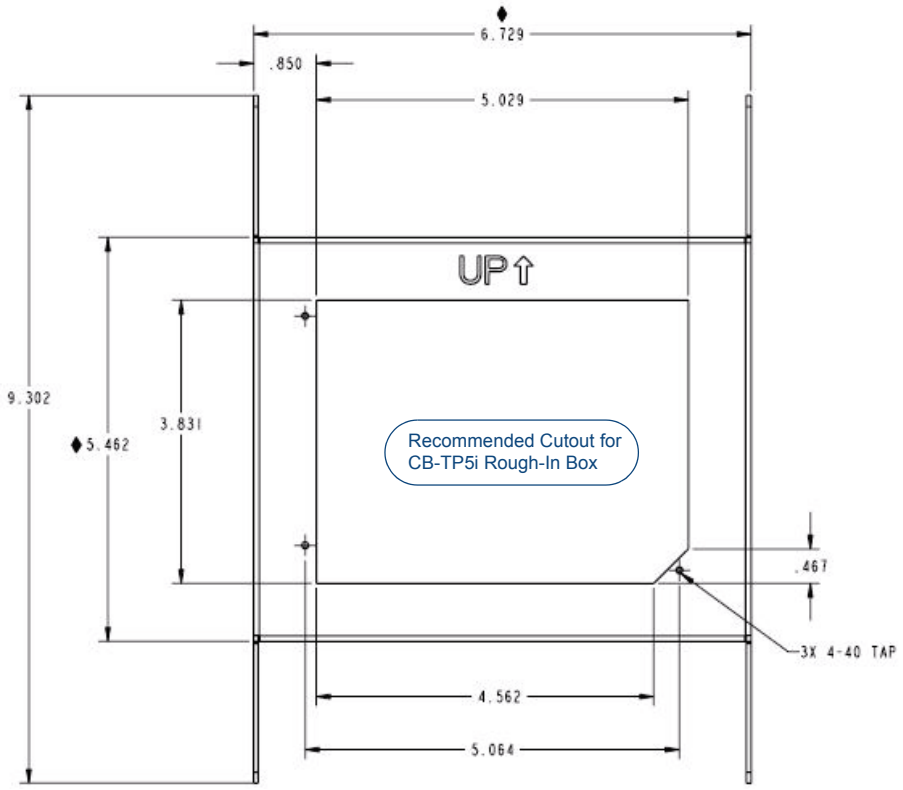
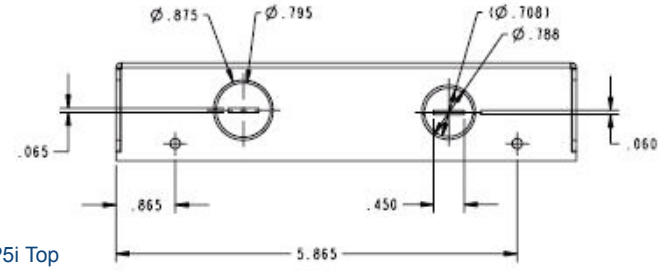


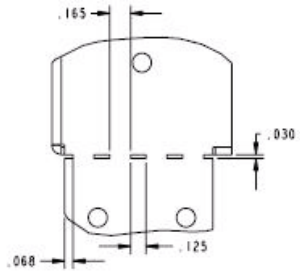
FIG. 2 CB-TP5i - Mounted to Wall Stud

4. Remove the appropriate wiring knockouts from the rough-in box to accommodate the cables being threaded through to the NXD-500i touch panel.
5. Thread the incoming Ethernet and USB wiring through the knockouts. Use of the left wiring knockouts is recommended with this installation for ease of connection of the cables to the touch panel. Leave enough slack in the wiring to accommodate installation of the panel.
6. Install the drywall/sheetrock before inserting the main NXD-500i device into the CB-TP5i.
7. Cut out the opening for the NXD-500i where the wall has been placed over the Rough-In Box. Cutting out the surface slightly smaller than what is outlined in the installation drawings, so that you can make any necessary cutout adjustments, is very highly recommended.

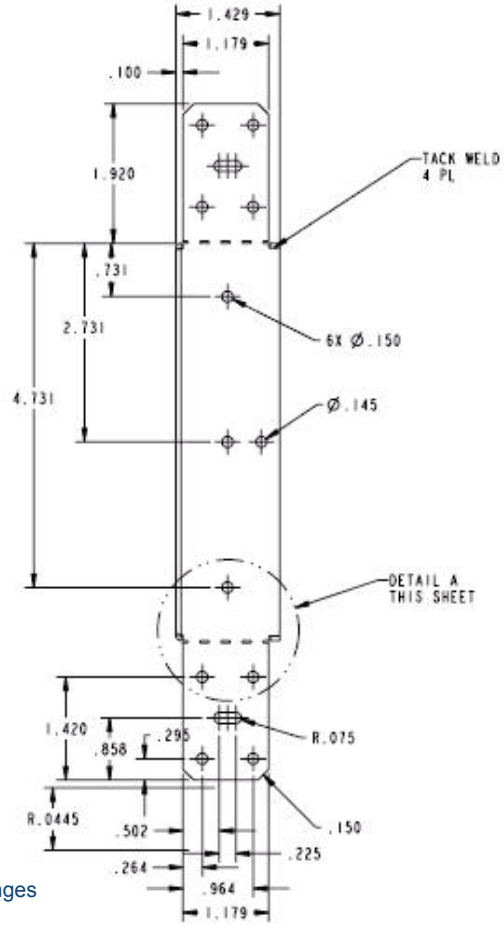




CB-TP5i Top

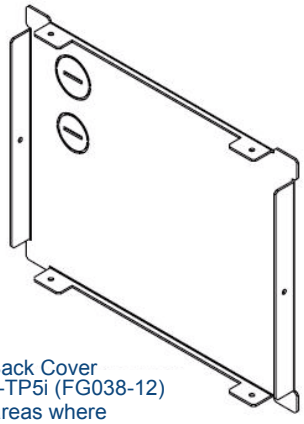


CB-TP5i Break-Away Flange detail



Side of Rough-In Box With Break-Away Flanges

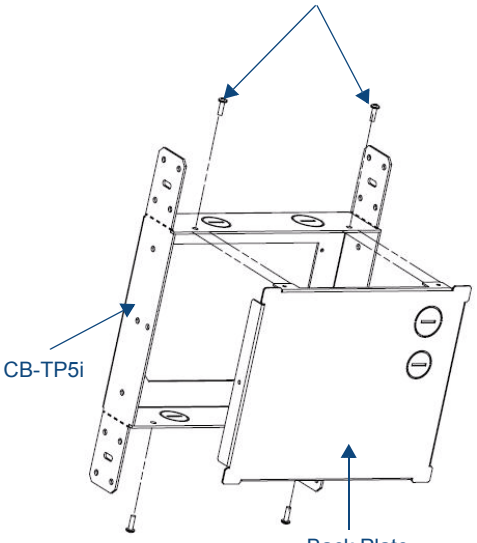
Back Cover Installation



Optional Back Cover for the CB-TP5i (FG038-12) (Only for areas where required by building codes.)

Assembly of CB-TP5i and Back Plate

Screws (80-0114-01), #4-20 x .375



Note: two screw holes in flanges at top and bottom of Back Plate, but one screw hole per flange on sides.

For full warranty information, refer to the AMX Instruction Manual(s) associated with your Product(s).

93-038-11 REV: B

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3000 RESEARCH DRIVE, RICHARDSON, TX 75082 • 800.222.0193 • fax 469.624.7153 • technical support 800.932.6993 • www.amx.com